

This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
1	114877	clock near4 generat\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/20 10:28
2	922049	count\$3	USPAT; US-PGPUB; EPO; JPO	2004/09/20 10:29
3	443	calculat\$4 near6 ((linear adj velocity) CLV)	USPAT; US-PGPUB; EPO; JPO	2004/09/20 10:30
4	14	(calculat\$4 near6 ((linear adj velocity) CLV)) same (track adj pitch)	USPAT; US-PGPUB; EPO; JPO	2004/09/20 10:31

L Number	Hits	Search Text	DB	Time stamp
1	114877	clock near4 generat\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/20 10:28
2	922049	count\$3	USPAT; US-PGPUB; EPO; JPO	2004/09/20 10:29
3	443	calculat\$4 near6 ((linear adj velocity) CLV)	USPAT; US-PGPUB; EPO; JPO	2004/09/20 10:30
4	14	((calculat\$4 near6 ((linear adj velocity) CLV)) same (track adj pitch))	USPAT; US-PGPUB; EPO; JPO	2004/09/20 10:45
5	50	((calculat\$4 near6 ((linear adj velocity) CLV)) and (track adj pitch))	USPAT; US-PGPUB; EPO; JPO	2004/09/20 10:46
6	33802	((clock near4 generat\$4) same count\$3)	USPAT; US-PGPUB; EPO; JPO	2004/09/20 10:46
7	10	((calculat\$4 near6 ((linear adj velocity) CLV)) and (track adj pitch)) and ((clock near4 generat\$4) same count\$3)	USPAT; US-PGPUB; EPO; JPO	2004/09/20 10:46

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/May(Updated 040903)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200459
(c) 2004 Thomson Derwent

Set	Items	Description
S1	49120	CLOCK(3N)GENERAT?
S2	47263	COUNT?(3N)PULSE?
S3	5328	LINEAR(3N)VELOCIT?
S4	3810	TRACK?(3N)PITCH?
S5	522284	COUNT?
S6	494937	PULSE?
S7	1829340	OPTICAL? OR MAGNETIC?
S8	2118	AU=(TSAI, C? OR HO, C? OR HSU, J? OR TSAI C? OR HO C? OR - HSU J?)
S9	562099	IC=G11B?
S10	1	S1 AND S2 AND S3 AND S4
S11	1	S8 AND S1 AND S2 AND S3
S12	0	S11 NOT S10
S13	47263	S5 AND S6 AND S2
S14	36	S13 AND S3
S15	2	S14 AND S4
S16	1	S15 NOT S10

(c) 2004 The Dialog Corp.
 File 674:Computer News Fulltext 1989-2004/Aug W4
 (c) 2004 IDG Communications
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 587:Jane's Defense&Aerospace 2004/Aug W4
 (c) 2004 Jane's Information Group

Set	Items	Description
S1	8551	CLOCK(3N)GENERAT?
S2	9173	COUNT?(3N)PULSE?
S3	2580	LINEAR(3N)VELOCIT?
S4	3185	TRACK?(3N)PITCH?
S5	15738252	COUNT?
S6	1264820	PULSE?
S7	1297895	OPTICAL? OR MAGNETIC?
S8	1221	AU=(TSAI, C? OR HO, C? OR HSU, J? OR TSAI C? OR HO C? OR - HSU J?)
S9	0	S1(S)S2(S)S3(S)S4
S10	2	S8 AND S1:S4
S11	1	RD S10 (unique items)
S12	0	S11 NOT AMINO()ACID

File 348:EUROPEAN PATENTS 1978-2004/Sep W02

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040916,UT=20040909

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	22156	CLOCK(3N)GENERAT?
S2	12752	COUNT?(3N)PULSE?
S3	6391	LINEAR(3N)VELOCIT?
S4	2861	TRACK?(3N)PITCH?
S5	521058	COUNT?
S6	176654	PULSE?
S7	439175	OPTICAL? OR MAGNETIC?
S8	470	AU=(TSAI, C? OR HO, C? OR HSU, J? OR TSAI C? OR HO C? OR - HSU J?)
S9	38755	IC=G11B?
S10	0	S1(S)S2(S)S3(S)S4
S11	0	S8 AND S1(S)S2
S12	2	S8 AND S2:S4
S13	0	S12 NOT GAS

File 2:INSPEC 1969-2004/Sep W2
(c) 2004 Institution of Electrical Engineers
File 6:NTIS 1964-2004/Sep W2
(c) 2004 NTIS, Intl Cpyrght All Rights Res
File 8:Ei Compendex(R) 1970-2004/Sep W2
(c) 2004 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2004/Sep W2
(c) 2004 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2004/Aug
(c) 2004 ProQuest Info&Learning
File 62:SPIN(R) 1975-2004/Jul W4
(c) 2004 American Institute of Physics
File 65:Inside Conferences 1993-2004/Sep W3
(c) 2004 BLDSC all rts. reserv.
File 94:JICST-Eplus 1985-2004/Aug W4
(c)2004 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2004/Jun W1
(c) 2004 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Aug
(c) 2004 The HW Wilson Co.
File 144:Pascal 1973-2004/Sep W2
(c) 2004 INIST/CNRS
File 239:Mathsci 1940-2004/Nov
(c) 2004 American Mathematical Society
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2004/Sep 17
(c) 2004 ProQuest Info&Learning

Set	Items	Description
S1	5450	CLOCK(3N)GENERAT?
S2	7585	COUNT?(3N)PULSE?
S3	12016	LINEAR(3N)VELOCIT?
S4	1908	TRACK?(3N)PITCH?
S5	3300326	COUNT?
S6	1181118	PULSE?
S7	5068554	OPTICAL? OR MAGNETIC?
S8	27173	AU=(TSAI, C? OR HO, C? OR HSU, J? OR TSAI C? OR HO C? OR - HSU J?)
S9	0	S1 AND S2 AND S3 AND S4
S10	0	S5 AND S6 AND S4
S11	7	S8 AND S1:S4
S12	4	RD S11 (unique items)